

HIV/AIDS Surveillance Semi-Annual Report

Hawai'i Department of Health

Cases to June 30, 2003

AIDS Data: As of June 2003, there were 2,767 AIDS cases reported to the Hawaii HIV/AIDS Surveillance Program, Department of Health (DOH). Forty-four percent of these AIDS cases (1,230) are known to be living with AIDS. A total of 121 cases have been reported during the past one-year period (July 1, 2002 to June 2003). Of these, 106 (88%) cases were male and 15 (12%) cases were female. These cases were diagnosed among Honolulu County (88, 73%), Hawaii County (8, 7%), Maui County (23, 19%), and Kauai County (<4, <4%). This semi-annual report contains AIDS demographic data by year (page 2), by county (page 3), and by race/ethnicity (page 4). It also includes the new race/ethnic data (according to the CDC's new guidelines for race/ethnicity 2003) on page 2.

HIV data: Due to reporting delay, HIV data are not available at this time. Since August 27, 2001, there have been 626 HIV (non-AIDS) cases reported to the HIV/AIDS Surveillance Program, DOH.

Hawaii HIV and AIDS Reporting

What is HIV reporting and how is it different from AIDS reporting?

HIV reporting includes HIV (human immunodeficiency virus) infection and does not include AIDS (acquired immunodeficiency syndrome). AIDS reporting captures HIV cases that exhibit AIDS (any of 26 opportunistic infections with/without CD4 <200 cells/uL and/or <14%)

HIV Reporting

1. HIV reporting is by an Unnamed Test Code (UTC), which is created from the name and date of birth.
2. HIV reporting has been implemented since August 27, 2001 after Hawaii's Administrative Rules (Title 11, Chapter 156, Statutes 8.8 for Physicians and 8.9 for Laboratories) were updated to mandate the reporting of all HIV infections.
3. HIV reporting uses the State of Hawaii HIV Infection Report form.

AIDS Reporting

1. AIDS reporting is by name.
2. AIDS reporting was implemented in 1983. Hawaii's Administrative Rules (Chapter 325-2) require physicians and other health care providers to report AIDS.
3. AIDS reporting uses the Centers for Disease Control and Prevention (CDC) HIV/AIDS Confidential Case Report form.

Are there any requirements for pediatric HIV and AIDS case reporting?

Pediatric HIV and AIDS reporting requirements are the same as for adult reporting. HIV reporting uses the Hawaii Pediatric HIV Report form and AIDS reporting is by name using CDC's Confidential Pediatric Case Report form.

Is newly diagnosed or previously diagnosed HIV reportable?

Administrative Rules require all HIV infections to be reported. Therefore, HIV is reportable at any time of diagnosis.

What is the role of the laboratories in the HIV/AIDS reporting system?

Since January 1998, Hawaii laboratories are required to report low CD4 counts (<200 cells/uL and/or <14%) by name. From August 27, 2001, all HIV positive test results are to be reported by UTC with the ordering physician's information to the HIV/AIDS Surveillance Program.

Who is required to report HIV and AIDS?

Physicians or other health care providers who request HIV testing must report positive HIV cases. This is the same for AIDS reporting. If a person is HIV positive with any of the conditions for AIDS diagnosis, the provider must report the case as AIDS.

What security and confidentiality measures are taken at the Health Department?

All cases (both HIV infection and AIDS cases) are under the same high security to ensure the confidentiality of case reporting.

Where to report HIV/AIDS?

HIV and AIDS reporting forms are to be mailed to the Department of Health, HIV/AIDS Surveillance Program, 3627 Kilauea Avenue, Suite 306, Honolulu, HI 96816 or by phone reports at (808) 733-9010.

Please forward any questions and comments to the HIV/AIDS Surveillance Program, 3627 Kilauea Avenue, Suite 306, Honolulu, HI 96816, phone: (808) 733-9010, fax: (808) 733-9015, e-mail : pbortha@lava.net. This report is available at the web site: http://www.state.hi.us/doh/resource/comm_dis/std_aids/aids_rep/

Hawaii AIDS Cases by Year, Reported through June 30, 2003

Year of Report	1983-1997	1998	1999	2000	2001	2002	2003	TOTAL
Cases by Year of Report	2,077	164	103	109	129	131	54	2,767
Rate per 100,000 Population ¹	N/A	13.5	8.5	8.9	10.5	10.7	N/A	N/A

Demographics/Risk	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
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S E X	Male	1,957	(94)	147	(90)	95	(92)	94	(86)	114	(88)	118	(90)	46	(85)	2,571	(93)
	Female	120	(6)	17	(10)	8	(8)	15	(14)	15	(12)	13	(10)	8	(15)	196	(7)

A G E	<13	14	(<1)	1	(1)	0	(0)	1	(1)	0	(0)	0	(0)	1	(2)	17	(<1)
	13-19	6	(<1)	1	(1)	0	(0)	1	(1)	0	(0)	0	(0)	0	(0)	8	(<1)
	20-29	288	(14)	13	(8)	5	(5)	8	(7)	11	(9)	12	(9)	5	(9)	342	(12)
	30-39	919	(44)	80	(49)	44	(43)	36	(33)	55	(43)	50	(38)	20	(37)	1,204	(44)
	40-49	620	(30)	48	(29)	39	(38)	42	(39)	38	(29)	46	(35)	17	(31)	850	(31)
	>49	230	(11)	21	(13)	15	(15)	21	(19)	25	(19)	23	(18)	11	(20)	346	(13)

N E W R A C E	Non-Hispanic																
	Caucasians	1,332	(64)	97	(59)	64	(62)	61	(56)	80	(62)	75	(57)	28	(52)	1,737	(63)
	*Legacy Asians/Hawaiians/PI	550	(26)	41	(25)	27	(26)	38	(35)	34	(26)	40	(31)	0	(0)	730	(26)
	*Asians	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	11	(20)	11	(<1)
	*Hawaiians/PI	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	9	(17)	9	(<1)
	African-Americans	85	(4)	9	(5)	7	(7)	4	(4)	3	(2)	8	(6)	2	(4)	118	(4)
	American Indians/Alaskans	8	(<1)	3	(2)	0	(0)	0	(0)	1	(1)	0	(0)	0	(0)	12	(<1)
	Multiple Race	1	(<1)	0	(0)	0	(0)	1	(1)	2	(2)	0	(0)	3	(6)	7	(<1)
	Hispanics	101	(5)	14	(9)	5	(5)	5	(5)	9	(7)	8	(6)	1	(2)	143	(5)

¹From January 2003, the CDC's guidelines for new race/ethnicity of 1997 OMB standard has been implemented in Hawaii. The original Asian Pacific Islanders race group is now non-Hispanic Legacy Asians/Pacific Islanders, non-Hispanic Hawaiians/Pacific Islanders, and non-Hispanic Asians group.

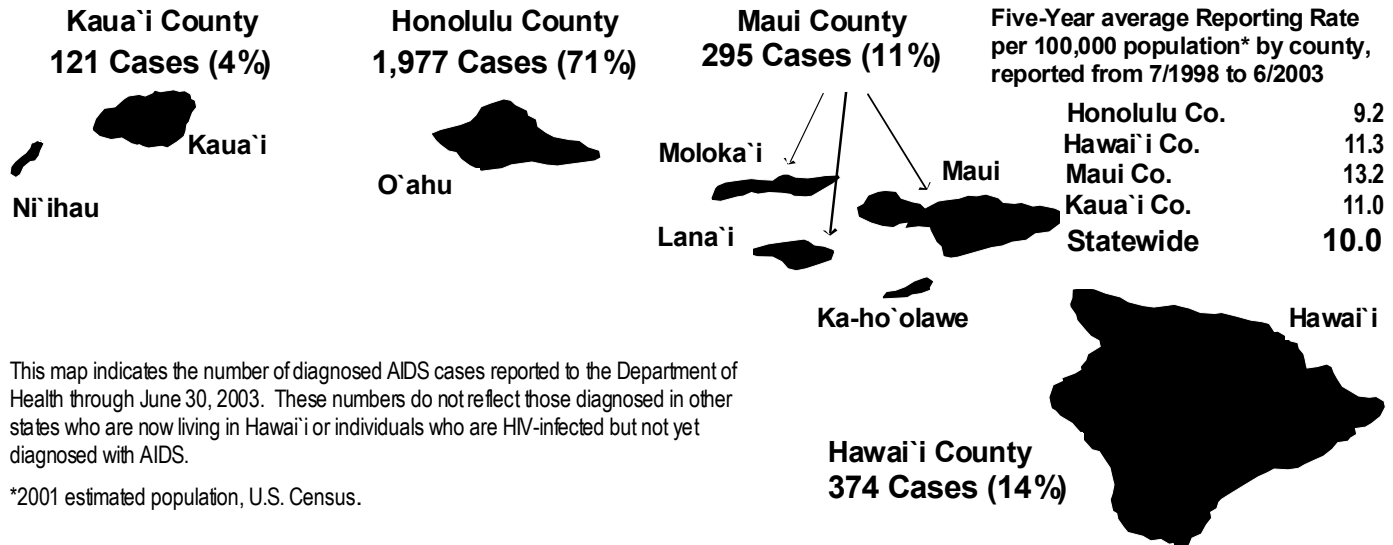
R I S K	Male to Male Sex (MSM)	1,607	(77)	116	(71)	71	(69)	68	(62)	86	(67)	85	(65)	27	(50)	2,060	(75)
	Injection Drug Use (IDU)	139	(7)	21	(13)	6	(6)	8	(7)	10	(8)	10	(8)	4	(7)	198	(7)
	MSM & IDU	155	(7)	6	(4)	8	(8)	5	(5)	2	(2)	6	(5)	2	(4)	184	(7)
	Female Heterosexual	64	(3)	8	(5)	3	(3)	8	(7)	6	(5)	4	(3)	4	(7)	97	(4)
	Male Heterosexual	29	(1)	4	(2)	5	(5)	3	(3)	4	(3)	2	(2)	1	(2)	48	(2)
	Transfusion	21	(1)	2	(1)	1	(1)	0	(0)	0	(0)	2	(2)	0	(0)	26	(<1)
	Perinatal	11	(1)	1	(1)	0	(0)	1	(1)	0	(0)	0	(0)	1	(2)	14	(<1)
	Hemophiliac	18	(1)	1	(1)	0	(0)	0	(0)	1	(1)	0	(0)	0	(0)	20	(<1)
	Undetermined	33	(2)	5	(3)	9	(9)	16	(15)	20	(16)	22	(17)	15	(28)	120	(4)

¹Each year's estimated population from the State of Hawaii Data Book 2001, <http://www.hawaii.gov/dbedt/db01/sec01.html>

HIV/AIDS Epidemiologic Update is available at the website: http://www.state.hi.us/doh/resource/comm_dis/std_aids/

County Report

Cumulative AIDS Cases (1983 – June 30, 2003)



Cumulative Hawai'i AIDS cases reported from 1983 to June 30, 2003 2,767 Known Deaths 1,537 (56%)

AIDS Cases by County: Five-year (July 1, 1998 - June 30, 2003) and Cumulative Total (1983 – June 2003)

County		Honolulu Co.		Hawai'i Co.		Maui Co.		Kaua'i Co		Statewide	
		5-Year	Cum. Total	5-Year	Cum. Total	5-Year	Cum. Total	5-Year	Cum. Total	5-Year	Cum. Total
		No. (%)	No. (%)	No. (%)	No. (%)	No. (%)	No. (%)	No. (%)	No. (%)	No. (%)	No. (%)
SEX	Male	366 (90)	1,846 (93)	71 (83)	334 (89)	78 (90)	278 (94)	30 (91)	113 (93)	545 (89)	2,571 (93)
	Female	41 (10)	131 (7)	15 (17)	40 (11)	9 (10)	17 (6)	3 (9)	8 (7)	68 (11)	196 (7)

RISK	Male to Male Sex	268 (66)	1,493 (76)	47 (55)	249 (67)	62 (71)	225 (76)	23 (70)	93 (77)	400 (65)	2,060 (74)
	Injection Drug Use	31 (8)	134 (7)	9 (10)	39 (10)	6 (7)	16 (5)	4 (12)	9 (7)	50 (8)	198 (7)
	Male/Male Sex & IDU	18 (4)	125 (6)	3 (3)	29 (8)	3 (3)	26 (9)	1 (3)	4 (3)	25 (4)	184 (7)
	Heterosexual Contact	27 (7)	93 (5)	13 (15)	31 (8)	6 (7)	14 (5)	1 (3)	7 (6)	47 (8)	145 (5)
	Transfusion	2 (<1)	20 (1)	0 (0)	3 (1)	1 (1)	1 (<1)	0 (0)	2 (2)	3 (<1)	26 (1)
	Perinatal	2 (<1)	12 (1)	0 (0)	2 (1)	0 (0)	0 (0)	0 (0)	0 (0)	2 (<1)	14 (1)
	Hemophiliac	2 (<1)	14 (1)	0 (0)	4 (1)	0 (0)	2 (1)	0 (0)	0 (0)	2 (<1)	20 (1)
	Undetermined	57 (14)	86 (4)	14 (16)	17 (5)	9 (10)	11 (4)	4 (12)	6 (5)	84 (14)	120 (4)
Total Cases		407 (100)	1,977 (100)	86 (100)	374 (100)	87 (100)	295 (100)	33 (100)	121 (100)	613 (100)	2,767 (100)

July 1998—June 2003 N (%)	407 (66)	86 (14)	87 (14)	33 (5)	613 (100)
Cumulative cases and (%)	1,977 (71)	374 (14)	295 (11)	121 (4)	2,767 (100)
Estimated Population 2001 and (%)	881,295 (72)	152,083 (12)	131,797 (11)	59,223 (5)	1,224,398 (100)

AIDS Cases by Race/Ethnicity

Five - Year Reported Data (July 1998 to June 2003)

Race/Ethnicity	Caucasian		African American		Hispanic		American Indian		Hawaiian/ Pt. Haw.		Filipino		Chinese		Japanese		Other A/PI		Total Cases	
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
5 Year Cases (%)	358	(59)	30	(5)	37	(6)	2	(<1)	78	(13)	37	(6)	9	(1)	17	(3)	39	(6)	607*	(100)
Cumulative Cases (%)	1,737	(63)	118	(4)	143	(5)	12	(<1)	300	(11)	145	(5)	58	(2)	119	(4)	128	(5)	2,760*	(100)

SEX	Male	331	(92)	24	(80)	33	(89)	2	(100)	65	(83)	31	(84)	8	(89)	15	(88)	32	(82)	541	(89)
	Female	27	(8)	6	(20)	4	(11)	0	(0)	13	(17)	6	(16)	1	(11)	2	(12)	7	(18)	66	(11)

RISK	Male to Male Sex	251	(70)	11	(37)	24	(65)	2	(100)	53	(68)	24	(65)	4	(44)	10	(59)	17	(44)	396	(65)
	Injection Drug Use	23	(6)	9	(30)	5	(14)	0	(0)	5	(6)	1	(3)	2	(22)	1	(6)	1	(3)	47	(8)
	Male/Male Sex & IDU	18	(5)	2	(7)	1	(3)	0	(0)	2	(3)	1	(3)	0	(0)	1	(6)	0	(0)	25	(4)
	Female Heterosexual	12	(3)	1	(3)	1	(3)	0	(0)	5	(6)	4	(11)	1	(11)	1	(6)	2	(5)	27	(4)
	Male Heterosexual	6	(2)	1	(3)	2	(5)	0	(0)	3	(4)	1	(3)	1	(11)	0	(0)	3	(8)	17	(3)
	Transfusion	1	(<1)	0	(0)	0	(0)	0	(0)	1	(1)	0	(0)	0	(0)	0	(0)	1	(3)	3	(<1)
	Perinatal	1	(<1)	0	(0)	0	(0)	0	(0)	1	(1)	0	(0)	0	(0)	0	(0)	0	(0)	2	(<1)
	Hemophiliac	2	(<1)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	0	(0)	1	(3)	3	(<1)
	Undetermined	44	(12)	6	(20)	4	(11)	0	(0)	8	(10)	6	(16)	1	(11)	4	(24)	14	(36)	87	(14)
5-Year Total cases		358	(100)	30	(100)	37	(100)	2	(100)	78	(100)	37	(100)	9	(100)	17	(100)	39	(100)	607	(100)
5-year average reporting rate per 100,000 ¹		15.0		18.0		8.4		N/A		10.7		4.7		2.3		1.9		9.4		10.0	

¹The 2000 estimated U.S. Census figures were used to calculate race-specific reporting rates for Caucasians, Afri-Americans, Hispanics, and the State total. The 1990 U.S. census figures were used to calculate the rest of the race/ethnic groups for this five-year period (7/1/1998 to 6/30/03). *Six AIDS cases are in the multiple race during the 5-year period (four MSM and two IDU) and seven cases are multi-race in the cumulative total under the CDC's new race/ethnic category. These cases are not shown separately.

Reporting Requirement. AIDS case reporting is required by Hawaii's Revised Statutes (HRS) §325-2 and Hawaii new Administrative Rules §11-156-3 for low CD4 values (<200 cells/μL and/or total lymphocytes <14%). Reporting by name is required at the time a person is diagnosed with AIDS as defined by the Centers for Disease Control and Prevention (revised in January 1993). HIV positive case reporting by Unnamed Test Code (UTC) is required by Hawaii Administrative Rules §11-156-8.8 and 8.9, implemented from August 27, 2001. Information is collected for the advancement of epidemiologic knowledge and handled in strictest confidence in accordance with HRS §325-101. Names and other identifiers are not released. Those required to report include physicians, nurses, infection control practitioners, medical directors, and hospitals.

Questions regarding AIDS and HIV reporting forms, reporting requirements, or this report may be directed to the AIDS Surveillance Program at (808) 733-9010 (Tel), (808) 733-9015 (fax) or pbortha@lava.net (e-mail).